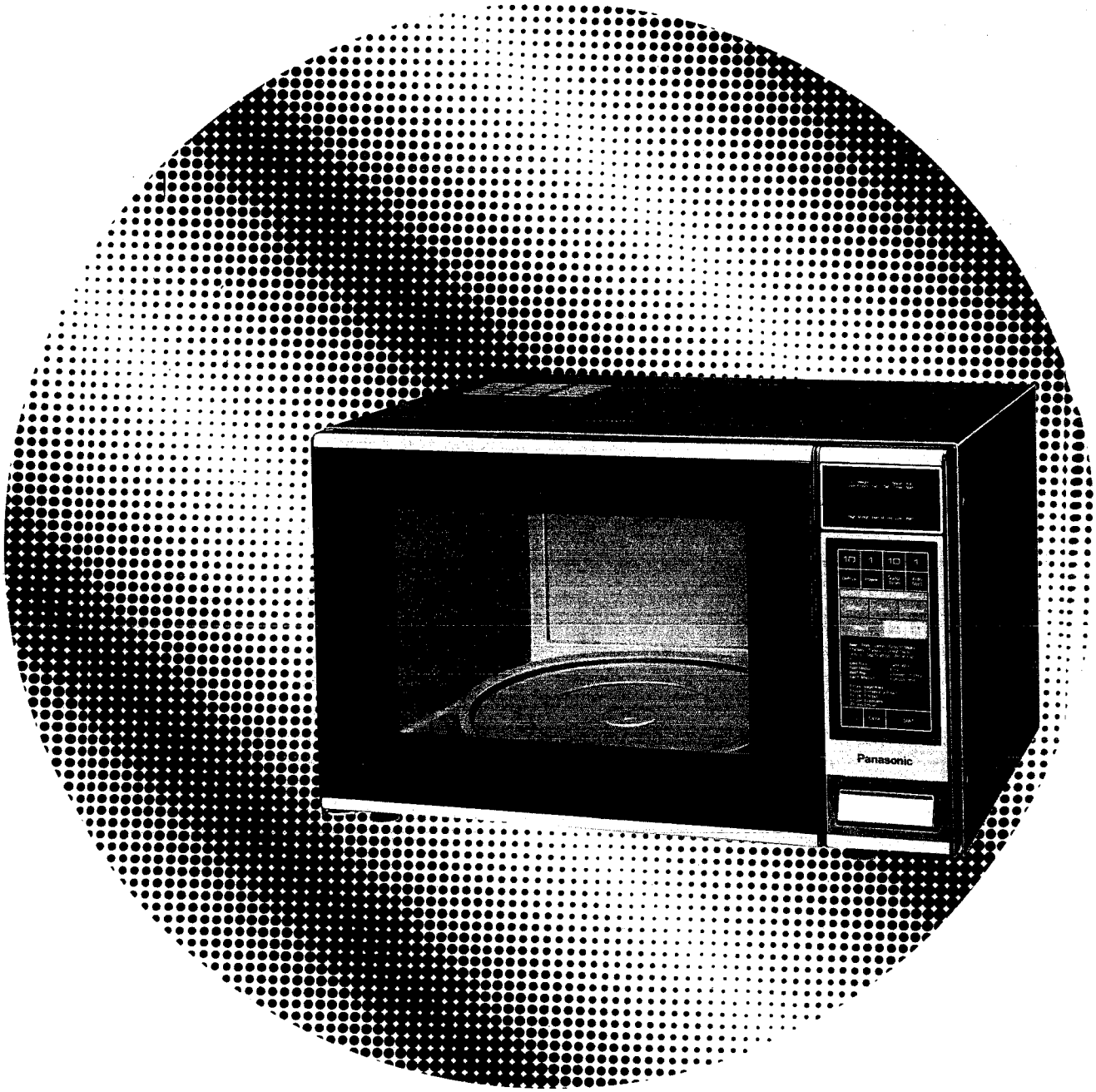
Panasonic®

Operating Instructions

Microwave Oven

Model NE-7860P

700 watts



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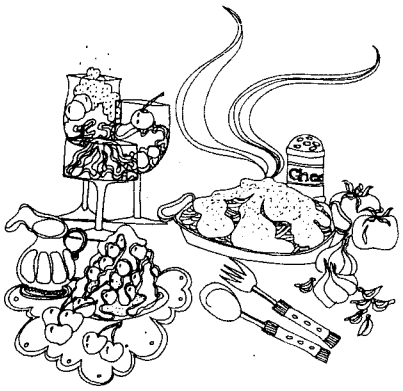

The serial number of this product may be found on the right side of the door opening. You should note the serial number of this oven in the space provided and retain this book as a permanent record of your purchase for future reference.

Model No. NE-7860P **Serial No.** _____

Date of Purchase _____

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Important Safety Instructions

When using electrical appliances, basic safety precautions should be followed, including the following:

WARNING—To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy:

1. Read all instructions before using this appliance.
2. Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on this page.
3. This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on page 4.
4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs and sealed containers—for example, closed glass jars—may explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in this manual.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This appliance should be serviced only by qualified service personnel. Contact the nearest authorized service facility for examination, repair or adjustment. See page 27.
10. Do not cover or block any openings on this appliance.
11. Do not use outdoors.
12. Do not immerse cord or plug in water.
13. Keep cord away from heated surfaces.
14. Do not let cord hang over edge of table or counter.
15. When cleaning surfaces of door and oven that come together on closing the door, use only mild non-abrasive soaps or detergents applied with a sponge or soft cloth.
16. To reduce the risk of fire in the oven cavity:
    (a) Do not overcook food. Carefully attend appliance if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
    (b) Remove wire twist-ties from bags before placing bag in oven.
    (c) If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

Save These Instructions

Precautions to Avoid Possible Exposure to Excessive Microwave Energy

(a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door, or allow soil or cleaner residue to accumulate on sealing surfaces.

(c) Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the:

- **(1)** door (bent)
- **(2)** hinges and latches (broken or loosened),
- **(3)** door seals and sealing surfaces

(d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

Installation and Grounding Instructions

Examine Your Oven
Unpack oven, remove all packing material, and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify dealer immediately if oven is damaged. Do NOT install if oven is damaged.

Registration Card
Fill out and mail preaddressed registration card.

Placement of Oven
1. Oven must be placed on a flat, stable surface. For proper operation, the oven must have sufficient air flow. Allow 3 inches of space on both sides of the oven and 1-inch of space on the top of the oven.
   - **a.** Do NOT block air vents. If they are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable until it has cooled.
   - **b.** Do NOT place oven near a hot damp surface such as a gas or electric range.
   - **c.** Do NOT operate oven when room humidity is too high.
2. This oven was manufactured for household use only.
3. This oven may be built into a wall cabinet, if desired, by using the proper trim kit (NE-TK83), which may be purchased from a local Panasonic dealer.
   Follow all installation instructions packed with kit.

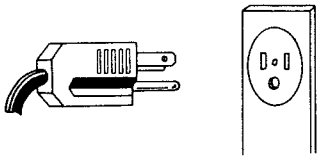
Grounding Instructions
This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING—Improper use of the grounding plug can result in a risk of electric shock.

Consult a qualified electrician or serviceperson if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.
If it is necessary to use an extension cord, use only a three wire extension cord that has a three blade grounding plug, and a three slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be equal to or greater than the electrical rating of the appliance.

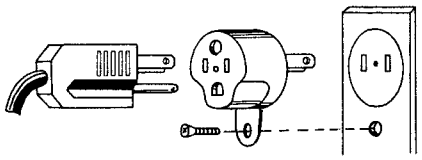
Wiring Requirements
1. The oven must be plugged into at least a 15 AMP 120 VOLT, 50/60 Hz GROUNDED OUTLET.
   Where a standard two-prong outlet is encountered, it is the personal responsibility and obligation of the consumer to have it replaced with a properly grounded three-prong outlet. (Fig. 1)

Fig. 1



2. A TEMPORARY CONNECTION with a two-prong adaptor may be made where LOCAL CODES PERMIT it. (Fig. 2) Unless the cover screw is grounded through the house wiring, attaching the adaptor grounding plate to the cover screw will not ground the oven. If there is any doubt that the cover screw is grounded, have it checked by an electrician.

Fig. 2



3. The oven must be on a SEPARATE CIRCUIT. No other appliance should share the circuit with the microwave oven. If it does, the branch circuit fuse may blow or the circuit breaker may trip, or the food may cook slower than times recommended in cookbook.

4. The VOLTAGE used must be the same as specified on this microwave oven (120 V).
   Using a higher voltage is dangerous and may result in a fire or other accident causing oven damage.
   Using a lower voltage will cause slow cooking.
   Panasonic is NOT responsible for damage resulting from the use of the oven with other than specified voltage.

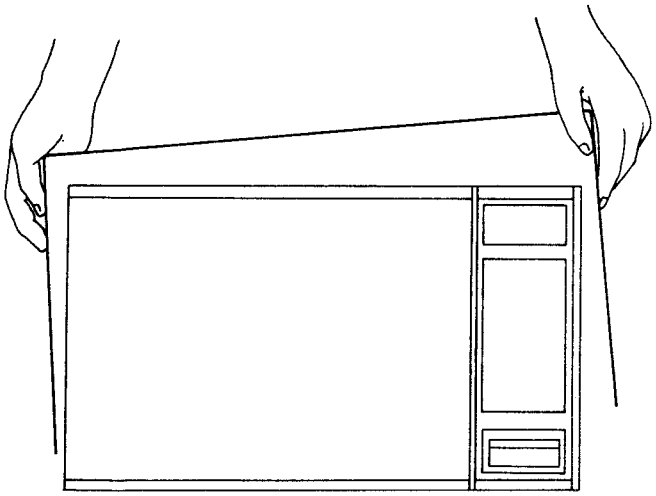
Plug In Oven
When the oven is FIRST PLUGGED IN, the colon will blink in the display window until the Clock Pad is pressed.

FOR PROPER USE OF YOUR OVEN READ REMAINING SAFETY CAUTIONS AND OPERATING INSTRUCTIONS.

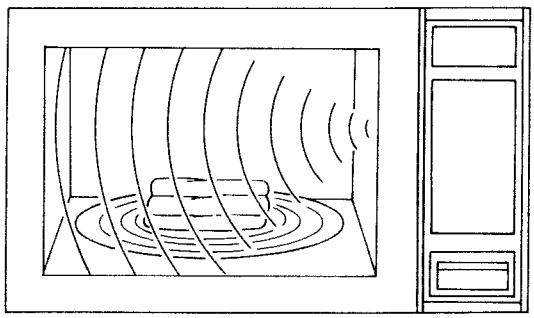
Safety Statements

General Use

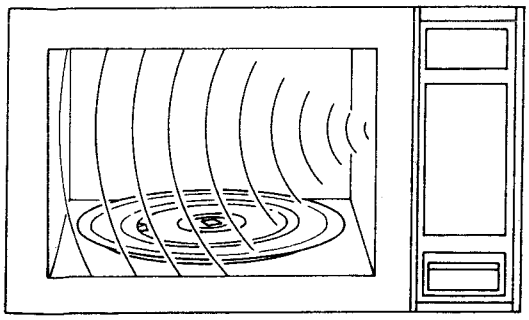
1. Do NOT attempt to tamper with or make any adjustments or repairs to door, control panel housing, safety interlocks switches or any other part of the oven. Do NOT remove outer panel from oven. Repairs should only be done by a qualified serviceperson.
2. Do NOT operate the oven empty. The microwave energy will reflect continuously throughout the oven if no food or water is present to absorb energy.
3. If a fire occurs in the oven, touch the Stop Pad and LEAVE DOOR CLOSED. Disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
4. Do NOT attempt to dry clothes, newspapers or other materials in oven. They may catch on fire.
5. Do NOT use recycled paper products, as they may contain impurities which may cause sparks and/or fires when used.
6. Do NOT use newspapers or paper bags for cooking.
7. Do NOT hit or strike control panel. Damage to controls may occur.
8. POT HOLDERS may be needed when cooking. Heat is transferred from the hot food to the cooking container.
9. Do NOT store flammable materials next to, on top, or in the oven. It could be a fire hazard.
10. Do NOT use the oven without the glass tray and roller ring in place.



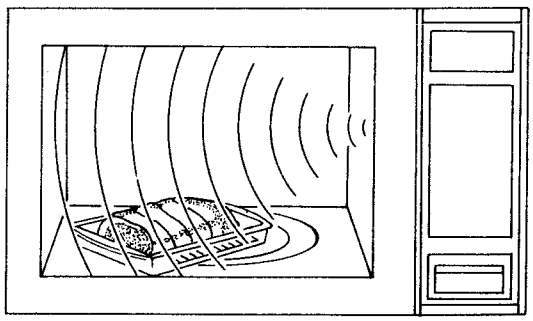
Do NOT remove outer panel from oven.



Do NOT dry clothes or newspapers.



Do NOT operate the oven empty.



Do NOT use the oven without the glass tray and roller ring in place.

Food

1. Never use your microwave oven for HOME CANNING. The oven is not designed to permit proper canning. Improperly canned food may spoil and be dangerous to consume.
   Leave canning to the proven methods of water bath or pressure canner. (See your cookbook for further information.)

2. COOKING TIMES given in the cookbook are APPROXIMATE. Factors that may affect cooking are: starting temperature, altitude, volume, size and shape of foods and utensils used. As you become familiar with the oven, you will be able to adjust for these factors.

3. It is better to UNDERCOOK RATHER THAN OVERCOOK foods. If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times.

4. SMALL QUANTITIES of food or foods with LOW MOISTURE content can burn, dry out or catch on fire if cooked too long. If a fire occurs, touch the Stop Pad and leave oven door closed.

5. Do NOT boil eggs in their shell. Pressure may build up and the eggs will explode.

6. Potatoes, apples, egg yolks, whole acorn squash, sausage are examples of food with NONPOROUS SKINS. These must be pierced before cooking to prevent bursting. (See the illustrations below.)

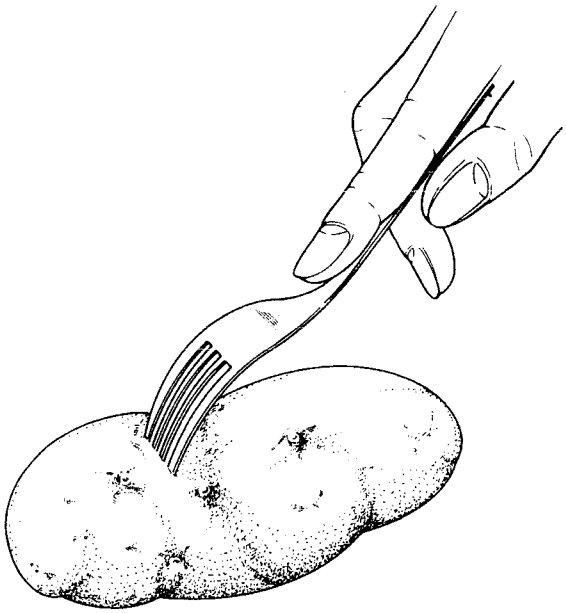
7. POPCORN must be popped in a microwave corn popper. A microwave corn popper is available through Panasonic dealers, model number 18450. In addition, special microwave popcorn is available in some areas of the country. This popcorn pops in its own package and does not require a microwave corn popper. It may be used in this oven.

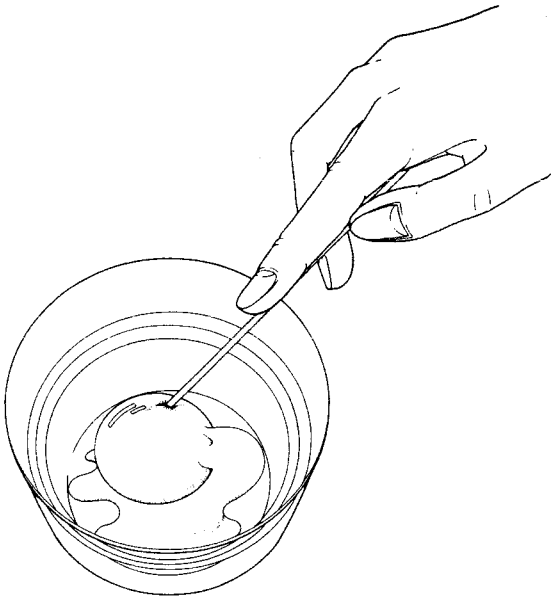
8. Do NOT attempt to deep fat fry in your oven.

9. Use MEAT THERMOMETER to check doneness of roasts and poultry. If undercooked, return to oven and cook a few more minutes at the recommended power level. DO NOT USE A CONVENTIONAL MEAT THERMOMETER IN THE MICROWAVE OVEN.

10. HEATED LIQUIDS CAN ERUPT if not mixed with air. Do not heat liquids in your microwave oven without first stirring.

Foods with NONPOROUS SKINS must be pierced before cooking to prevent bursting.





Utensils

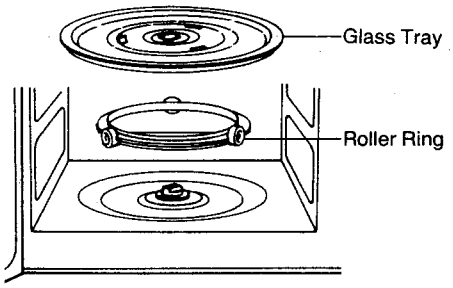
1. MICROWAVE BROWNING DISHES or GRILLS are designed for microwave cooking only. Preheating times vary depending on the size of the browning dish and food being cooked. Always follow instructions provided by the browning dish or grill manufacturer. DO NOT PREHEAT BROWNING DISH ON THE GLASS TRAY MORE THAN 8 MINUTES.
2. METAL CONTAINERS or dishes with metallic rims should not be used. Arcing may occur.
3. METAL TWIST-TIES may not be used in the microwave oven.
4. Do NOT use SEALED JARS or NARROW NECK bottles for cooking or reheating. They may shatter.
5. Do NOT use CONVENTIONAL THERMOMETERS in the microwave oven. They may cause arcing.
6. Remove PLASTIC STORE WRAPS, before cooking or defrosting in the oven.
7. When using foil, skewers, warming rack or utensils made of metal in the oven allow at least one inch of space between metal material and interior oven walls. If arcing (sparking) occurs remove metal material (skewers, etc.) and/or transfer to a non-metallic container.
8. For FURTHER INFORMATION on proper cooking utensils, refer to the Introduction in the Microwave cookbook.

Roller Ring

1. The ROLLER RING and oven floor should be cleaned frequently to prevent excessive noise.
2. The ROLLER RING MUST ALWAYS be used for cooking together with the Glass Tray.

Glass Tray

1. Do NOT operate the oven without the Glass Tray in place.
2. Do NOT use any other Glass Tray with this oven.
3. If Glass Tray is hot, ALLOW TO COOL before cleaning or placing it in water.
4. Do NOT cook directly on the Glass Tray.



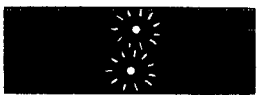
Automatic Checking Mechanism

"FFFF" Display in Window:

If "FFFF" appears in display window remove the plug from the AC wall outlet, wait 10 seconds and then plug the oven in again.

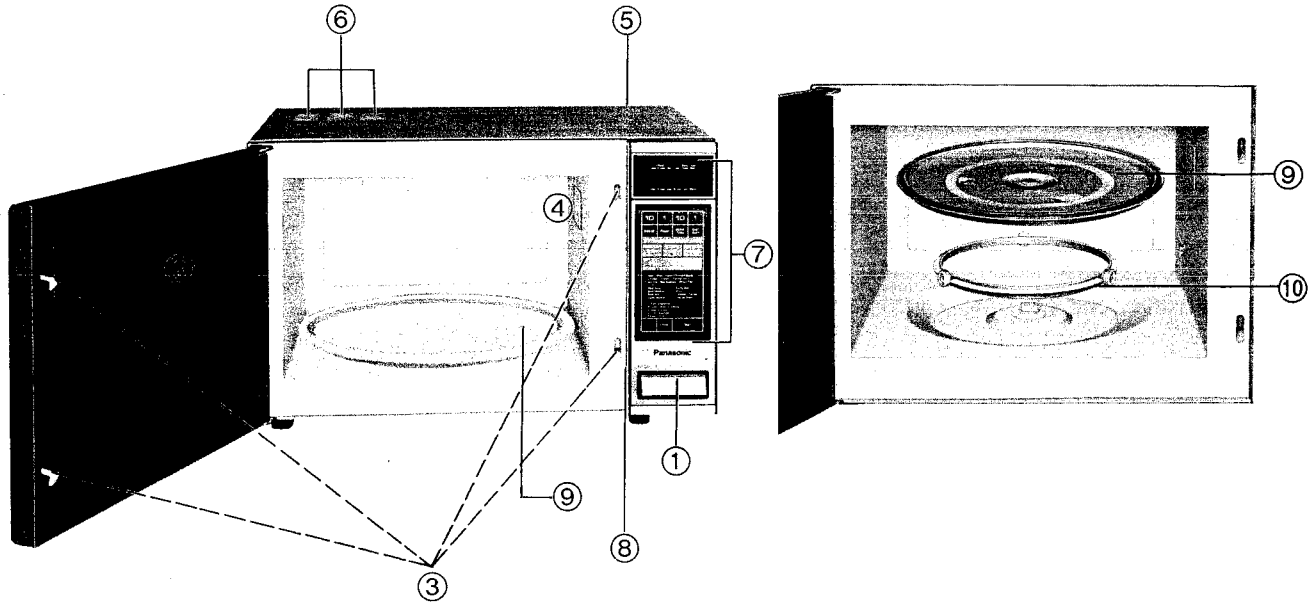
- If the "FFFF" indication clears, simply reset the time of day and use the oven.
- If the "FFFF" still appears, please contact the nearest Panasonic servicenter.

Power Failure etc.:



When the oven is not being used for cooking, the time of day will appear in the display window.
If the oven is affected by a temporary power failure or the plug is removed from electric outlet and then reinserted, the colon in the display window will blink. To reset correct time of day, simply follow the clock set instructions. (See page 10.)

Feature Diagram



① Door Release Button
Push button to open door.

② Oven Window

③ Door Safety Lock System
Before any cooking function can begin, oven door must be securely shut.

④ Oven Light
Will turn on whenever the door is opened or during cooking.

⑤ Oven Light Cover
Allows easy access to replace oven light.
See page 26.

⑥ Oven Air Vents
Never block air vents during cooking.

⑦ Control Panel
See page 9.

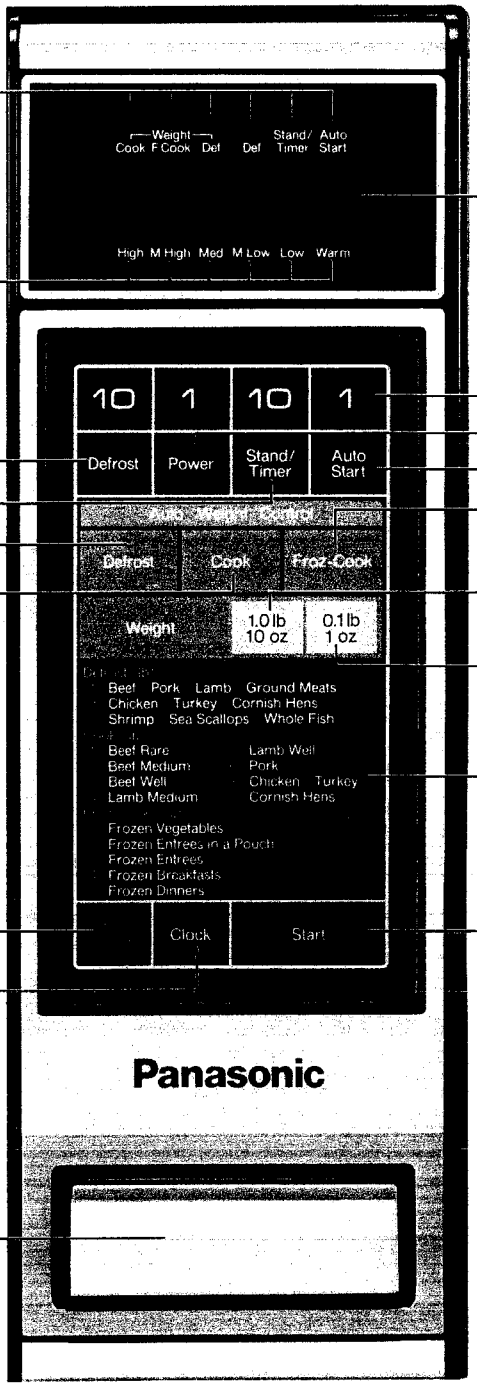
⑧ Name Plate
Contains model and serial number of your oven.

⑨ Glass Tray
Must be placed in the oven before cooking.

⑩ Roller Ring
Must be placed in the oven before cooking.

Control Panel

❶ Controls with Auto Count-Up Feature



❶ Indicator Lights

❷ Clock Pad

❸ Time Pads

❹ Power Pad

❺ Cyclic Defrost Pad

❻ Auto Start Pad

❼ Stand/Timer Pad

❽ Auto Weight Defrost Pad

❾ Auto Weight Cook Pad

❿ Auto Weight Frozen Cook Pad

⓫ 1.0 Pound/10 Ounce Pad

⓬ 0.1 Pound/1 Ounce Pad

⓭ Stop/Reset Pad

⓮ Start Pad

⓯ Display Window

⓰ Door Release Button

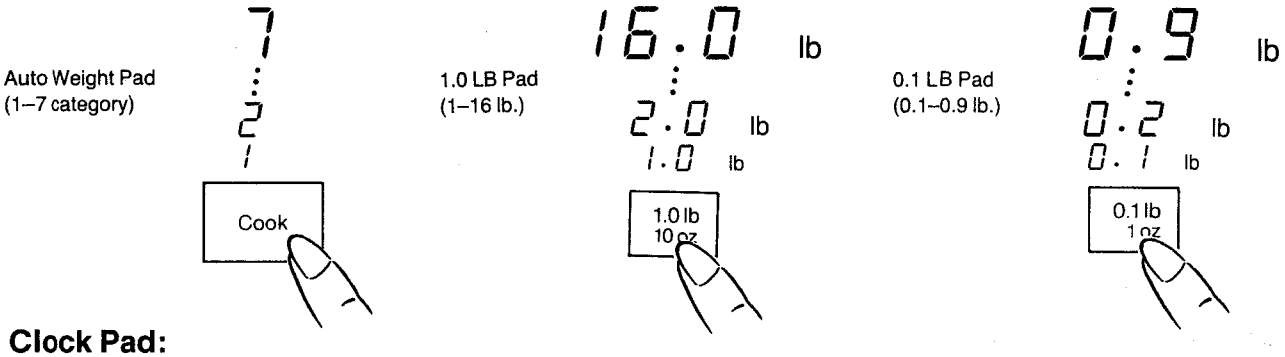
⓱ Cooking Guide

Controls

❶ Auto Count Up:

The Time, Power, Auto Weight Defrost Category, Auto Weight Cook Category, Auto Weight Frozen Cook Category, 1.0 LB/10 OZ., and 0.1 LB/1 OZ. pads are all equipped with the Auto Count Up feature. By holding your finger on the pad, the readout in the display window will count up. After reaching the maximum function, the display will return to the starting point and continue to count up. To stop the readout simply remove your finger from the pad.

Example: Auto Weight Cook Pad, 1.0 LB/10 OZ Pad, 0.1 LB/1 OZ Pad



❷ Clock Pad:

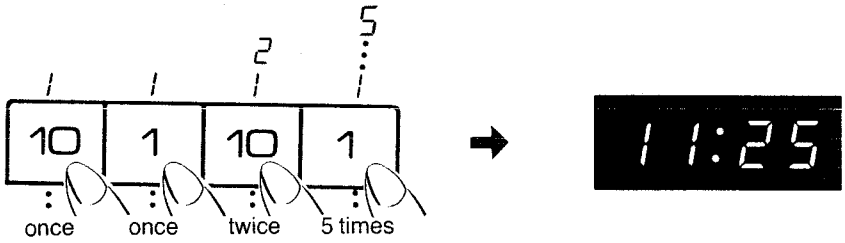
When oven is first plugged in, the colon in the display window will blink.

To set clock

Step 1. Enter time of day by pressing appropriate Time Pads.

▶Time appears in display window; colon is blinking.

Example: To set 11:25 (a.m. or p.m.),
touch Time Pads from left to right as follows:



Step 2. Touch Clock Pad.

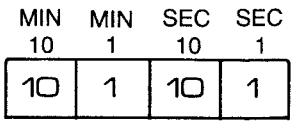
▶Colon stops blinking; time of day is entered and locked into display.

NOTES ON CLOCK SETTING

1. Clock must be set before oven will operate.
2. To reset time of day touch Clock Pad twice to clear the time. Colon will begin to blink. Enter the correct time of day by following the above procedures.
3. The clock will keep the time of day as long as oven is plugged in and electricity is supplied.

❸ Time Pads:

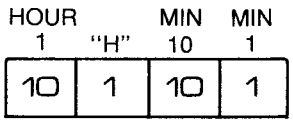
1. **Basic Time Setting**—All powers except LOW
   The Pads serve as a 10 minute pad, 1 minute pad, 10 second pad and 1 second pad from the left, and can be programmed up to 99 minutes and 99 seconds.



(Example 1: To set 13 minutes 45 seconds)
Touch;
10 MIN Pad: once
1 MIN Pad: 3 times
10 SEC Pad: 4 times
1 SEC Pad: 5 times

(Example 2: To set 30 seconds)
Touch;
10 SEC Pad: 3 times

2. **LOW Power Setting**
   The Pads serve as a 1 hour pad, an inoperable pad, 10 minute pad and 1 minute pad from the left, and can be programmed up to 9 hours and 99 minutes.



(Example 1: To set 2 hours 25 minutes)
Touch;
1 HOUR Pad: twice
10 MIN Pad: twice
1 MIN Pad: 5 times

(Example 2: To set 45 minutes)
Touch;
10 MIN Pad: 4 times
1 MIN Pad: 5 times

Note: When LOW power is programmed for 1 hour or longer, the time in the display window counts down minute by minute. When less than 59 minutes (59 00) remain, the time counts down second by second.

❹ Power Pad:

Automatically counts down from High to Warm. The following is the approximate wattage for each power level.

HIGH power	(700 watts/Full power)	M. LOW power	(360 watts/50% power)
M. HIGH power	(650 watts/90% power)	LOW power	(200 watts/30% power)
MEDIUM power	(490 watts/70% power)	WARM power	(70 watts/10% power)

❺ Cyclic Defrost Pad:

When DEFROST is selected, the automatic cycle divides the defrosting time into 8 periods which alternate between defrost and stand. DEFROST power is approximate 245 watts/35% power.

Note: When oven is operating at DEFROST power, Cyclic Defrost indicator light blinks. The light remains on, but does not blink during built-in stand time.

❻ Auto Start Pad:

Allows you to program the time of day you want cooking to start.

❼ Stand/Timer Pad:

This feature allows you to program a Stand Time after cooking is complete. This pad can also be used to program the oven as a minute timer.

⑧ Auto Weight Defrost Pad:

This feature allows you to defrost meat, poultry or seafood by weight. Choose a defrosting category and program the weight of the food. Weight must be programmed in pounds and tenths of a pound. For further information on Auto Weight Defrost refer to Introduction in the Microwave Cookbook.

Defrost
(Auto Weight)

Press this pad to select the appropriate defrosting category 1 through 3. Listed below are the recommended foods and maximum weight limits for each category.

Category	Food	Maximum Weight
1	Ground meats, Roasts, Ribs Stew meat, Chops, Steaks, Frankfurters	8 lb.
2	Whole or split cornish hens, Whole or cut-up chicken, Whole Turkey, Turkey breast	16 lb.
3	Shrimp (medium), Sea Scallops, Whole Fish	3 lb.

Note: The shape and size of the meat will determine the maximum weight the oven can accommodate.

⑨ Auto Weight Cook Pad:

This feature allows you to cook meat or poultry by weight. Choose a cook category and program the weight of the food. Weight must be programmed in pounds and tenths of a pound. For further information on Auto Weight Cook, refer to Introduction in Microwave Cookbook.

Cook

Press this pad to select the appropriate cook category 1 through 7. Listed below are the recommended foods and maximum weight limits for each category.

Category	Food	Maximum Weight
1	Beef Rare	8 lb.
2	Beef Medium	8 lb.
3	Beef Well	8 lb.
4	Lamb Medium	6 lb.
5	Lamb Well	6 lb.
6	Pork	6 lb.
7	Whole or split cornish hens, Whole or cut-up chicken, Whole turkey	16 lb.

Note: The shape and size of the meat will determine the maximum weight the oven can accommodate.

⑩ Auto Weight Frozen Cook Pad:

This feature allows you to cook frozen foods by weight. Choose a frozen cook category and program the weight of the food. Weight must be programmed in ounces. For further information on Auto Weight Frozen Cook, refer to Introduction in Microwave Cookbook.

Froz·Cook

Press this pad to select the appropriate cook category 1 through 5. Listed below are the recommended foods and maximum weight limits for each category.

Category	Food	Maximum Weight
1	Frozen Vegetables	32 oz.
2	Frozen Entrees in a Pouch	16 oz.
3	Frozen Entrees	32 oz.
4	Frozen Breakfasts	16 oz.
5	Frozen Dinners	32 oz.

⓫ 1.0 Pound/10 Ounce Pad:

1.0 lb
10 oz

Press this pad to program the weight of your food by whole pounds or by 10 ounces. For Auto Weight Cook and Auto Weight Defrost this pad is used in the pound capacity. For Auto Weight Frozen Cook this pad is used in the 10 ounce capacity.

⓬ 0.1 Pound/1 Ounce Pad:

0.1 lb
1 oz

Press this pad to program the weight of your food by tenths of a pound or by ounces. To convert ounces into tenths of a pound, see conversion chart in the Introduction of the Microwave Cookbook. For Auto Weight Cook and Auto Weight Defrost this pad is used in the tenths of a pound capacity. For Auto Weight Frozen Cook this pad is used in the single ounce capacity.

⓭ Stop/Reset Pad:

Stop/
Reset

Before cooking: One tap clears your instructions.
During cooking: One tap temporarily stops the cooking process. Another tap cancels all your instructions and time of day appears in display window.

⓮ Start Pad:

Start

One tap allows oven to begin functioning. If door is opened or Reset/Stop Pad is tapped once during oven operation, Start Pad must again be touched to restart oven.

⓯ Display Window:

Displays time of day before or after cooking, time during cooking, Weight Defrost and Weight Cook category and weight.

Digital Readout Display:

Time

(99 min. 99 sec./9 hr. 99 min.)

Clock

(5 min. past 8 o'clock)

Auto Weight Defrost/Auto Weight Cook

(Category 1) (5.6 lbs)

Auto Weight Frozen Cook

(Category 2) (16 oz.)

⓰ Indicator Lights:

An indicator light will turn on when a specific power level and/or the following functions are selected: Auto Weight Defrost, Auto Weight Cook, Auto Weight Frozen Cook, Cyclic Defrost, Auto Start and Stand/Timer.

⓱ Cooking Guide:

Easy reference for Auto Weight Defrost, Auto Weight Cook and Auto Weight Frozen Cook.

Opening Door:

Opening the door during cooking will stop the cooking process without canceling the program. Cooking resumes as soon as the door is closed and Start Pad is touched. The oven light will stay on or turn on whenever the door is opened.

Beep Sound:

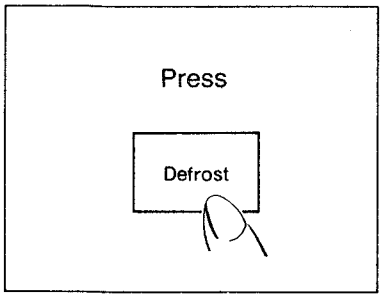
When a pad is touched correctly, a beep will be heard. If a pad is touched and no beep is heard, the unit has not or cannot accept the instruction. The oven will beep twice between programmed stages. At the end of any complete program, the oven will beep 5 times.

Operation Procedure

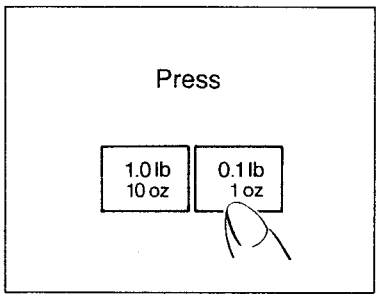
Basic Operation of Your Oven

Auto Weight Defrost

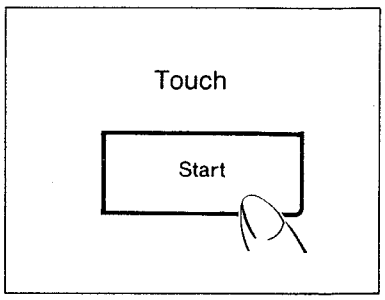
Step 1 Select Category 1 through 3



Step 2 Set Weight

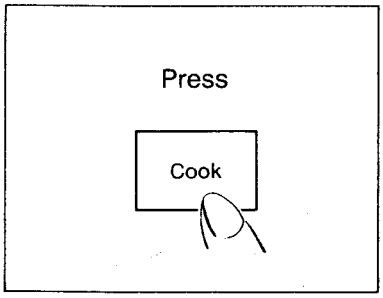


Step 3 Start

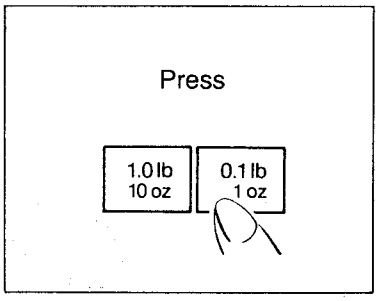


Auto Weight Cook

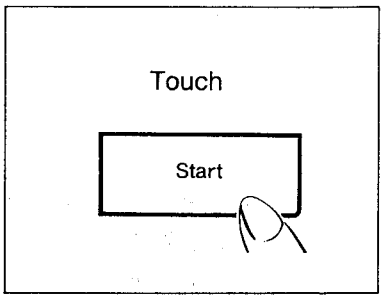
Step 1 Select Category 1 through 7



Step 2 Set Weight

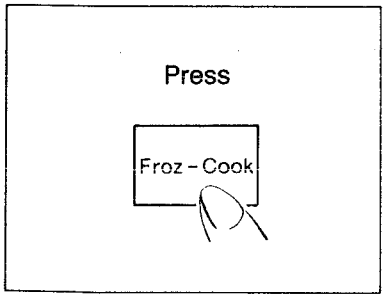


Step 3 Start

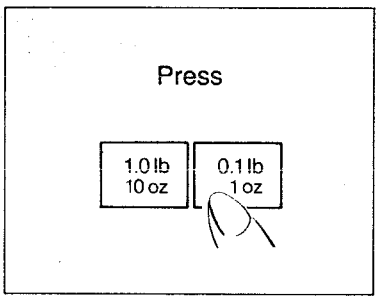


Auto Weight Frozen Cook

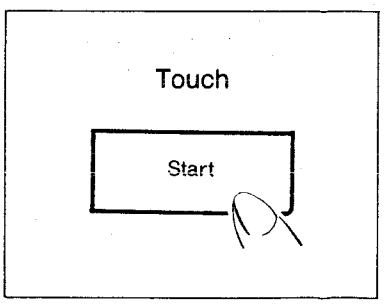
Step 1 Select Category 1 through 5



Step 2 Set Weight

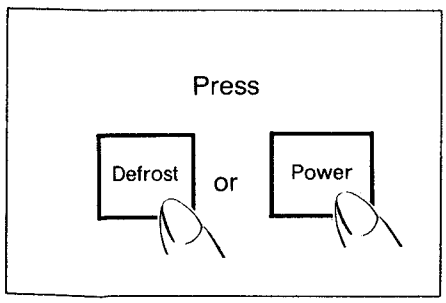


Step 3 Start

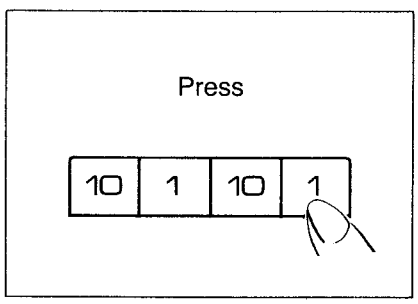


Time Cooking

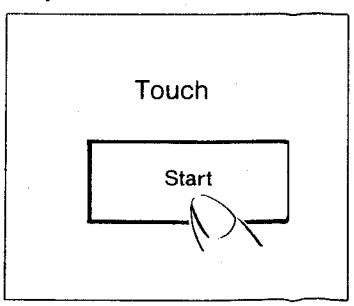
Step 1 Set Defrost or Power



Step 2 Set Time



Step 3 Start



Auto Weight Defrost

1. Select Category 1 through 3.
2. Set the weight of your food using the pound/tenth of a pound pads.
3. Touch Start Pad.

Auto Weight Cook

1. Select Category 1 through 7.
2. Set the weight of your food using the pound/tenth of a pound pads.
3. Touch Start pad.

Auto Weight Frozen Cook

1. Select Category 1 through 5.
2. Set the weight of your food using the 10 ounce/single ounce pads.
3. Touch Start pad.

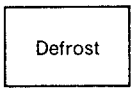
Time Cooking

One Stage Cooking	Two Stage Cooking	Three Stage Cooking
1. Set Defrost or Power.	1. Set Defrost or first Power.	1. Set Defrost or first Power.
2. Set Time.	2. Set first Time.	2. Set first Time.
3. Touch Start Pad.	3. Set second Power.	3. Set second Power.
	4. Set second Time.	4. Set second Time.
	5. Touch Start Pad.	5. Set third Power.
		6. Set third Time.
		7. Touch Start Pad.

Auto Weight Defrost

Step 1

Press Auto Weight Defrost Pad to select Defrost Category 1 through 3.

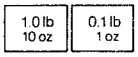


(Auto Weight)

▶Clock time disappears. The selected category number appears in the display window. Auto Weight Defrost and pounds (lb) indicator lights turn on.

Step 2

Set the Weight of your meat in pounds and tenths of a pound by pressing 1.0 Pound/10 Ounce Pad and/or 0.1 Pound/1 Ounce Pad.



▶Category number disappears and the weight selected appears in display window.

Step 3

Touch Start Pad.

After Oven Starts:

▶MICROWAVE DEFROSTING BEGINS. Turntable rotates. Oven light turns on. Auto Weight Defrost light begins to blink. Weight and pound indicator in display disappear. Defrosting time appears and counts down second by second.

▶WHEN DEFROSTING IS COMPLETED, oven beeps five times and shuts off. Turntable stops. The indicator light and oven light turn off. Time of day appears in display window.

NOTES ON AUTO WEIGHT DEFROST:

1. Categories for Auto Weight Defrost are:

Category	Food	Maximum Weight
1	Ground meats, Roasts, Ribs Stew meat, Chops, Steaks, Frankfurters	8 lb.
2	Whole or split cornish hens, Whole or cut-up chicken, Whole Turkey, Turkey breast	16 lb.
3	Shrimp (medium), Sea Scallops, Whole Fish	3 lb.

2. Stand time or power and time cooking may be programmed after Auto Weight Defrost.
3. Auto Start can not be programmed before Auto Weight Defrost.
4. For further information on Auto Weight Defrost refer to introduction in Microwave Cookbook.

Note: The shape and size of the meat will determine the maximum weight the oven can accommodate.

Auto Weight Cook

Step 1

Press Auto Weight Cook Category Pad to select Cook Category 1 through 7.

Cook

►Clock time disappears. The selected category number appears in display window. Auto Weight Cook and pound (lb) indicator lights turn on.

Step 2

Set the weight of your meat in pounds and tenths of a pound by pressing 1.0 Pound/10 Ounce Pad and/or 0.1 Pound/1 Ounce Pad.

1.0 lb 10 oz | 0.1 lb 1 oz

►Category number disappears and the weight selected appears in display window.

Step 3

Touch Start Pad.

Start

After oven Starts:

►MICROWAVE COOKING BEGINS. Turntable rotates. Oven light turns on. Auto Weight Cook light begins to blink. Weight and pound indicator in display disappear. Cooking time appears and counts down second by second.

►WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. The indicator lights and oven light turn off. Time of day appears in display window.

NOTES ON AUTO WEIGHT COOK:

1. Categories for Auto Weight Cook are:

Category	Food	Maximum Weight
1	Beef Rare	8 lb.
2	Beef Medium	8 lb.
3	Beef Well	8 lb.
4	Lamb Medium	6 lb.
5	Lamb Well	6 lb.
6	Pork	6 lb.
7	Whole or split cornish hens, Whole or cut-up chicken, Whole turkey	16 lb.

2. Stand or a power level can be programmed after Auto Weight Cook.
   For example: Auto Weight Cook→ WARM power
3. Auto Start can not be programmed before Auto Weight Cook.
4. For further information on Auto Weight Cook refer to introduction in Microwave Cookbook.

Note: The shape and size of the meat will determine the maximum weight the oven can accommodate.

Auto Weight Frozen Cook

Step 1

Press Auto Weight Frozen Cook Category Pad to select Cook Category 1 through 5.

Froz - Cook

►Clock time disappears. The selected category number appears in display window. Auto Weight Frozen Cook and ounces (oz) indicator lights turn on.

Step 2

Set the weight of your frozen foods in ounces by pressing 1.0 Pound/ 10 Ounce Pad and/or 0.1 Pound/ 1 Ounce Pad.

1.0 lb 10 oz | 0.1 lb 1 oz

►Category number disappears and the weight selected appears in display window.

Step 3

Touch Start Pad.

Start

After Oven Starts:

►MICROWAVE COOKING BEGINS. Turntable rotates. Oven light turns on. Auto Weight Frozen Cook light begins to blink. Weight and ounce indicator in display disappear. Cooking time appears and counts down second by second.

►WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. The indicator light and oven light turn off. Time of day appears in display window.

NOTES ON AUTO WEIGHT FROZEN COOK:

1. Categories for Auto Weight Frozen Cook are:

Category	Food	Maximum Weight
1	Frozen Vegetables	32 oz.
2	Frozen Entrees in a Pouch	16 oz.
3	Frozen Entrees	32 oz.
4	Frozen Breakfasts	16 oz.
5	Frozen Dinners	32 oz.

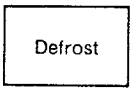
2. Stand or a power level can be programmed after Auto Weight Frozen Cook. For example: Auto Weight Frozen Cook→WARM power.
3. Auto Start can not be programmed before Auto Weight Frozen Cook.
4. For further information on Auto Weight Frozen Cook refer to introduction in Microwave Cookbook.

Time Cooking

Cyclic Defrost

Step 1

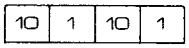
Touch Cyclic Defrost Pad.



▶Clock time disappears. Cyclic Defrost indicator light turns on.

Step 2

Set defrost time by pressing Time Pads.



▶Defrost time appears in display window in minutes and seconds.

Step 3

Touch Start Pad.

After Oven Starts:

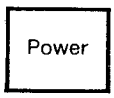
▶MICROWAVE DEFROSTING BEGINS. Turntable rotates. Oven light turns on. Cyclic Defrost indicator light begins to alternately blink and glow. Defrosting time counts down second by second.

▶WHEN DEFROSTING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. Cyclic Defrost indicator light and oven light turn off. Time of day appears in display window.

One Stage Cooking

Step 1

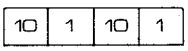
Select cooking power by pressing Power Pad.



▶Clock time disappears. Selected power indicator light turns on.

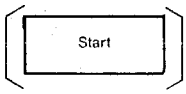
Step 2

Set cooking time by pressing Time Pads.



▶Cooking time appears in display window in minutes and seconds.

[Step 3. Touch Start Pad.]

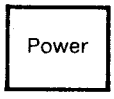


OR

Two Stage Cooking

Step 3

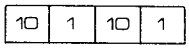
Before touching Start Pad, select second cooking power by pressing Power Pad.



▶Previously selected time and power indicator light disappear from display window. Second stage power indicator light turns on.

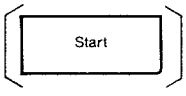
Step 4

Set second stage cooking time by pressing Time Pads.



▶Second stage cooking time appears in display window.

[Step 5. Touch Start Pad.]



OR

Three Stage Cooking

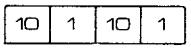
Step 5

Before touching Start Pad, select third stage cooking power by pressing Power Pad.

►Previously selected time and power indicator light disappear from display window. Third stage power indicator light turns on.

Step 6

Set third stage cooking time by pressing Time Pads.



►Third stage cooking time appears in display window.

Step 7

Touch Start Pad.

After Oven Starts:

►MICROWAVE COOKING BEGINS. Turntable rotates. Third stage cooking time disappears and first stage cooking. time reappears in the display window and begins to count down. First stage power indicator light turns on and starts to blink. Second stage power indicator light turns on. Third stage power indicator light remains on.

►WHEN THE FIRST STAGE COOKING TIME HAS ELAPSED, a beep sounds twice. Second stage cooking time reappears in the display window and begins to count down. First stage power indicator light turns off. Second stage power indicator light starts to blink. Third stage power indicator light remains on.

►WHEN THE SECOND STAGE COOKING TIME HAS ELAPSED, a beep sounds twice. Third stage cooking time reappears in the display window and begins to count down. Second stage power indicator light turns off. Third stage power indicator light starts to blink.

►WHEN THE THIRD STAGE COOKING TIME HAS ELAPSED, five beeps are heard and oven turns off. Third stage power indicator light turns off. Oven light turns off and turntable stops rotating. Time of day reappears in the display window.

NOTES ON TIME AND POWER COOKING:

1. When LOW power is programmed "H" meaning Hour appears in the display window. Cooking time can only be programmed in hours and minutes.

2. When LOW power is programmed for 1 hour or longer, the time will count down minute by minute. When less than 59 minutes (59 00) remain, the time will count down second by second.

3. Examples of 2 and 3 stage programmed cooking are:

First Stage	Second Stage	Third Stage
HIGH, 8 minutes	→ Stand, 3 minutes	
HIGH, 9 minutes	→ MEDIUM-LOW, 20 minutes	
Auto Start	→ MEDIUM, 24 minutes	→ WARM, 15 minutes
HIGH, 10 minutes	→ MEDIUM, 20 minutes	→ Stand, 5 minutes
Auto Start	→ HIGH, 10 minutes	→ LOW, 50 minutes

Special Controls

Auto Start

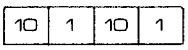
Step 1

Touch Auto Start Pad.

►Clock time disappears from display window. Auto Start indicator light turns on, and colon (:) stays on.

Step 2

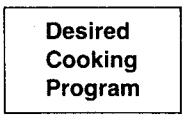
Set the time of day you want the oven to begin cooking by pressing Time Pads.



►Selected start time appears in display window.

Step 3

Program desired cooking according to directions already given in this manual.



►Start time colon and Auto Start indicator light disappear. Selected program and indicator lights appear in display window.

Step 4

Touch Start Pad.

After Oven Starts:

►NO COOKING ACTIVITY BEGINS. Turntable does not rotate. Oven light does not turn on. Selected program and indicator lights disappear. Current day time appears, Auto Start indicator light turns on and colon starts to blink.

►WHEN SELECTED START TIME APPEARS IN THE DISPLAY WINDOW, oven beeps twice and enters into previously selected cooking function. Oven light turns on and turntable begins to rotate. Auto Start indicator light and colon turn off while next stage indicator lights begin to blink.

►WHEN COOKING IS COMPLETED, oven beeps five times and shuts off.
Turntable stops rotating, oven light and indicator lights turn off, and time of day appears in display window.

NOTES ON AUTO START:

1. With the Auto Start feature, the oven may be programmed to start cooking up to 11 hours and 59 minutes before cooking starts.
2. Before cooking, to recall selected start time, press Auto Start Pad. Start time will appear in display window while your finger is touching the pad.
3. Only one or two stage cooking can be programmed after Auto Start.
4. Auto Start can not be programmed before Auto Weight Defrost Cyclic Defrost Auto Weight Cook or Auto Weight Frozen Cook. This is to prevent the starting temperature of the food from rising before defrosting or cooking begins. A change in the starting temperature could cause inaccurate results.

Timer

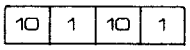
Step 1

Touch Stand/Timer Pad.

►Clock time disappears from display window. Stand/Timer indicator light turns on.

Step 2

Set desired amount of time by pressing Time Pads.



►Selected amount of time appears in display window.
(A maximum of 99 minutes and 99 seconds may be programmed.)

Step 3

Touch Start Pad.

After Oven Starts:

►NO COOKING ACTIVITY BEGINS. Turntable does not rotate. Oven light does not turn on. Only the time displayed starts to count down. Stand/Timer indicator light stays on.

►WHEN PROGRAMMED TIME HAS ELAPSED, oven beeps five times. Stand/Timer indicator light turns off. Time of day appears in display window.

Note: If oven door is opened during the timer function, the time in the display window will continue to count down.

Stand Time

Step 1

Program desired cooking program according to directions already given in this manual.

▶Selected program and indicator light appear in display window.

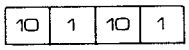
Step 2

Touch Stand/Timer Pad.

▶Previously selected program and indicator lights disappear. Stand/ Timer indicator light turns on.

Step 3

Set desired amount of time by pressing Time Pads.



▶Stand time appears in display window.
(A maximum of 99 minutes and 99 seconds may be programmed twice.)

Step 4

Touch Start Pad.

After Oven Starts:

▶MICROWAVE ACTIVITY BEGINS. Turntable rotates. Oven light turns on. Previously selected program appears in display window, and indicator light blinks.

▶WHEN MICROWAVE PROGRAM is completed, turntable stops, oven beeps twice, and standing time counts down. Stand/Timer indicator light turns on while oven light turns off.

▶AT END OF STANDING TIME, oven beeps five times and shuts off. Stand/Timer indicator light turns off. Time of day appears in display window.

Note: If oven door is opened during the stand time, the time in the display window will continue to count down.

Questions & Answers

Q: I accidentally ran my microwave oven without any food in it. Is it damaged?

A: We do not recommend operating the microwave oven without any food. However, running the oven empty for a short time will not damage the oven.

Q: Why won't my oven turn on?

A: When the oven does not turn on, check the following:

1. Is the oven plugged in securely? Remove plug from outlet, wait 10 seconds and reinsert.
2. Check circuit breaker or fuse. Reset circuit breaker or replace fuse if it is tripped or blown.
3. If the circuit breaker or fuse is all right, plug another appliance into the outlet. If the other appliance works, there probably is a problem with the oven. If the other appliance does not work, there probably is a problem with the outlet.

If it seems there is a problem with the oven, contact an authorized Panasonic Service Center.

Q: The oven light turns on and the oven is programmed correctly, but it won't turn on.

A: Check to make sure the oven door is securely closed. If that was not the problem, contact the nearest authorized Panasonic Service Center.

Q: How many stages can be programmed in my Panasonic Oven?

A: Your oven may be programmed up to three stages.

Q: Can stand time be programmed after three stage cooking?

A: No. The oven can only accept a maximum of three stages. Stand after three stage cooking would make a four stage program.

Q: Can the oven be used with the glass tray or roller ring removed?

A: No. Both the glass tray and roller ring must be positioned correctly in the oven before cooking.

Q: My microwave oven causes interference with my TV. Is this normal?

A: Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, blow dryers, etc. It does not indicate a problem with your oven.

Q: The oven won't accept my program. Why?

A: The oven is designed not to accept incorrect program. For example, the oven will not accept a fourth stage, and will not accept Weight Defrost after Auto Start.

Q: Why does my oven light dim?

A: When cooking with a power other than HIGH, the oven must cycle to obtain the lower power levels. The oven light dims and clicking noises can be heard when the oven cycles.

Q: Why does "H" appear in the display window?

A: When LOW power is selected, an "H" appears in the display window to indicate the Time Pads now function in hours and minutes, instead of minutes and seconds. When LOW power is programmed for one hour or longer, the time will count down minute by minute. When less than 59 minutes (59 00) remains, the time counts down second by second.

Q: Why does steam accumulate on the oven door?

A: During cooking, steam is given off from the food. Most of the steam is removed from the oven by the air which circulates in the oven cavity. However, some steam will condense on cooler surfaces such as the oven door. This is normal.

Q: Can TV dinner trays be placed in the oven?

A: Foil containers ¾-inch deep or less can be used to heat food in the microwave oven. Make sure foil covers are removed from top of container. The container should not touch oven sides, arcing may occur.

Q: Sometimes warm air comes from the oven vents. Why?

A: The heat given off from the cooking food warms the air in the oven cavity. This warmed air is carried out of the oven by the air flow pattern in the oven. There are no microwaves in the air. The oven vents should never be blocked during cooking.

Q: When I turn on my oven, there is noise coming from the glass tray.

A: This noise occurs when the roller ring and oven bottom are dirty. Frequent cleaning of these parts should eliminate or reduce the noise.

Care of Your Microwave Oven

1. Turn the oven off before cleaning.

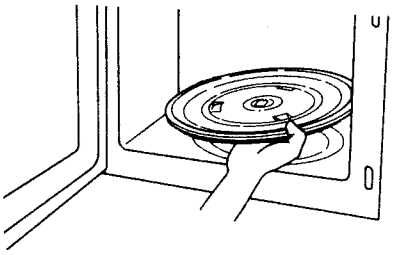
2. Keep the inside of the oven clean. When food spatters or spilled liquids adhere to oven walls, wipe with a damp cloth. Mild detergent may be used if the oven gets very dirty. The use of harsh detergent or abrasives is not recommended.

3. The outside oven surface should be cleaned with soap and water, rinsed and dried with a soft cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.

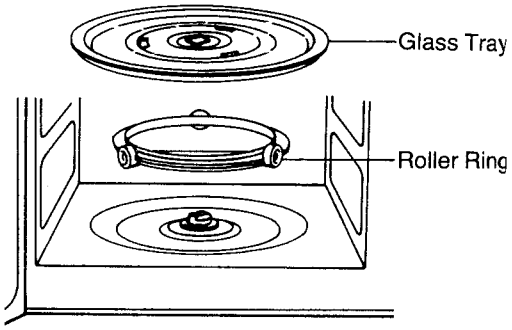
4. If the Control Panel becomes wet, clean with a soft, dry cloth. Do not use harsh detergents or abrasives on Control Panel.
   When cleaning the Control Panel, leave oven door open to prevent oven from accidentally turning on. After cleaning touch Stop/Reset Pad to clear display window.

5. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates malfunction of the unit.

6. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.



7. The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise.
   Simply wipe the bottom surface of the oven with mild detergent water or window cleaner and dry. The roller ring may be washed in mild sudsy water or dish washer. Cooking vapors collect during repeated use but in no way affects the bottom surface or roller ring wheels.
   When removing the roller ring from cavity floor for cleaning, be sure to replace in the proper position.



Replacement of Oven Light

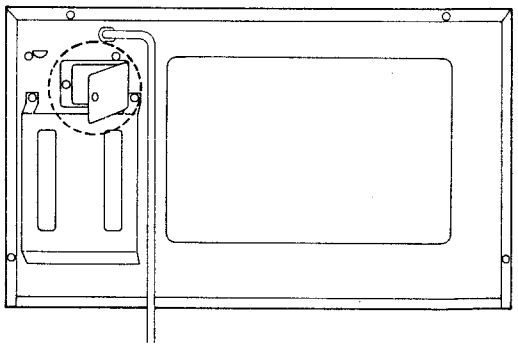
When it becomes necessary to replace the oven light, you can replace it yourself. Please follow the directions below carefully.

Step 1. Turn off the oven and unplug it.

Step 2. Remove the screw from the oven light cover which is located on the back of the cabinet.

Step 3. Replace the oven light with only 115–125 V, 20 W, bulb. If this bulb is not available locally, contact the nearest authorized Panasonic Service Center.

Step 4. Replace the oven light cover.



What to Do When Panasonic Service is Needed

If service is needed, look in the yellow pages of the telephone book under "Home Appliance Service" for your nearest Panasonic authorized service center, or call 800-447-4700 (in Illinois. call 800-322-4400), toll free.

Convertible 50 Hz/60 Hz

This oven can be used at both 50 Hz and 60 Hz area with minor adjustment, under a standard 120 volt. But only authorized servicemen are qualified to change the oven frequency from 50 Hz to 60 Hz (or from 60 Hz to 50 Hz).

Using the oven with wrong frequency (Hz) is dangerous and may result in a fire or other type of accident causing damage.
Therefore please consult with your nearest Panasonic authorized service center or franchised Panasonic dealer, for guidance.

European Countries:
on base ——— 50 Hz
(60 Hz in some area)
off base ——— 50 Hz
Japan:
Tokyo Area and Misawa ——— 50 Hz
Other Areas (Iwakuni, Sasebo, Okinawa)—60 Hz
Other Pacific Areas:
Guam, Korea, Philippines, Taiwan ——— 60 Hz

Technical Specifications

Power Source:	120 V, 50/60 Hz, 15.0 Amps, AC only
Power Consumption:	12.4 Amps, 1,420 W
Output:	700 W full power
Outside Dimensions:	14¾" (375 mm) H
	24" (607 mm) W
	18" (458 mm) D
Oven Cavity Dimensions:	10" (249 mm) H
	15⁹⁄₁₆" (395 mm) W
	15⁹⁄₁₆" (395 mm) D
Operating Frequency:	2,450 MHz
Timer:	99 minutes 99 seconds/ 9 hours 99 minutes
Uncrated Weight:	Approx. 54 lbs. (24.7 kg)
Shipping Weight:	Approx. 60 lbs. (27.3 kg)